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19 Aug 63

12 August 1963

MEMORANDUM FOR THE RECORD

SUBJECT: Trip Report [REDACTED]

Change Detector. [REDACTED]

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1. On July 24 and 25, 1963 [REDACTED]

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to discuss progress on development of the Change Detector.

2. The Change Detector Program, including the modification to increase resolution from 20 to 50 lines per millimeter, is on schedule. Work is completed on the design of correlator for automatic registration of the two scenes in X and Y (see enclosure 1). There still remains about two man-month's work on the design of the shadow rejection and the raster suppression (spot wobble) circuits. The new CRT with spot diameter of 6.5 mills, required for the 50 mm/line resolution has been ordered, delivery, however, will not be made until about 1 May 1964, therefore, the present tube will be used up to final check out at which time the new CRT will be inserted. Components for the read-out assembly is shown in enclosure 2. The console has been fabricated, (enclosure 3) originally in one unit having a 50" channel-iron base 104" long (enclosure 4) (This length exceeds the elevator space in NPIC) and has since been cut at the junction of the optical-mechanical and the read-out section to provide two units for shipment and delivery to destination. The separation is not a simple disconnect, factory personnel will be required for re-assembly at destination. The console is now going to the paint shop for painting (see attached sample of color) after which installation of the components will be started.

3. A revised program and cost schedule has been prepared (see enclosure 5), the decimal figures shown are man-months and the total contract price [REDACTED] checked is the same as that now shown in the NPIC contract status report. The current expenditures total [REDACTED] as shown in figure checked "✓" in enclosure 6; total expenditure to date would include a 7% fee added to this figure.

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4. The next contract review meeting is scheduled for 17 and 18 September 1963 at [REDACTED]

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Development Branch, P&DS

Declass Review by NIMA / DoD

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